



577  
October  
2013

# HF Happenings

South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925  
[www.sarl.org.za](http://www.sarl.org.za) [www.iaru.org](http://www.iaru.org) [www.iaru-r1.org](http://www.iaru-r1.org)



## What is Jamboree on the Air

**W**hen Scouts want to meet young people from another country, they usually think of attending a World Jamboree. But few people "get together" over the airwaves for the annual Jamboree-on-the-Air (JOTA). The World Scout Bureau reported that the 2010 JOTA had just over 700 000 Scout participants from nearly 6 000 amateur radio stations! Modern technology offers Scouts the exciting opportunity to make friends in other countries without leaving home. JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other by means of Amateur (ham) Radio. Scouting experiences are exchanged and ideas are shared via radio waves. Since 1958 when the first Jamboree-on-the-Air was held, millions of Scouts have met each other through this event. Many contacts made during JOTA have resulted in pen pals and links between Scout troops that have lasted many years. With no restrictions on age or on the number of participants, and at little or no expense, JOTA allows Scouts to contact each other by ham radio. The radio stations are operated by licensed amateur radio operators. Many Scouts and leaders hold licenses and have their own stations, but the majority participates in JOTA through stations operated by local radio clubs and individual radio amateurs. Some operators use television or computer-linked communications.



### When does JOTA happen?

Jamboree-on-the-Air is held the third weekend in October. The official hours are from Saturday at 00:00 local time (right at midnight Friday) to Sunday 24:00 (midnight Sunday evening). So you've got the whole weekend to make JOTA contacts.

### How do we take part?

First, contact a local Amateur Radio operator or club to ask for assistance. If you need help finding a club in your area check the SARL Affiliated Club Search page at <http://www.sarl.org.za/public/local/ClubsList.asp>.

Radio Amateurs contact your local Scout Group <http://www.scouting.org.za/> or Girl Guide Company [www.girlguides.org.za/](http://www.girlguides.org.za/)

Radio amateurs are enthusiastic about their hobby and most will be willing to help you participate in JOTA. The radio operator may suggest that the Scouts visit his/her station or that the operator bring equipment to your local

**Have YOU done anything today to Promote Amateur Radio?**

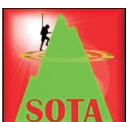
### October

1 - Schools open  
3 - SARL 80 metre QSO Party  
3 to 6 - Hobby-X, Midrand  
5 - Spring QRP Contest  
5 and 6 - RSGB 21/28 MHz Contest  
12 and 13 - AWA AM and SSB Contest  
16 - Bosses Day  
17 - Radio Amateur Examination  
19 - CQ Hou Koers  
19 and 20 - Jamboree-on-the-Air  
26 and 27 - CQ WW DX Phone Contest

### November

2 - RaDAR Contest  
10 - Remembrance Sunday; PEARS HF Contest  
11 - Armistice Day  
16 and 17 - SARL National Field Day  
23 and 24 - CQ WW DX CW Contest

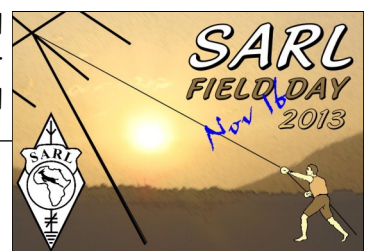
The photo in last week's HF Happening was taken along the R715 between Springfontein and Bethulie at the Louw Wepener monument



Current Summits-on-the-Air (SOTA) activities are announced at

[www.sotawatch.org](http://www.sotawatch.org)

And more SOTA information can be found at [www.sota.org.uk](http://www.sota.org.uk)





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campsite. Often, JOTA stations are set up in unusual locations, such as the top of a mountain, or on a boat.

### JOTA Rules

Stations should call "CQ Jamboree," or answer stations doing so. Any authorized frequency may be used. It is recommended that stations use the agreed World Scout Frequencies, listed elsewhere in this document. To avoid congestion, use close-by frequencies.

JOTA is not a contest. The idea is not to contact as many stations as possible during the weekend.

All participating groups are asked to send a report of their activities to their National JOTA Organizer (NJO). The SSA address is [davegemmell@bmknet.co.za](mailto:davegemmell@bmknet.co.za)

Although the worldwide JOTA is organized in October, Scouts can meet on the air at other times during the year. Regular Scout nets (a pre-arranged time and frequency when operators meet) are organized nationally or regionally. An updated list of these nets can always be found in the latest *World JOTA Report*, which is published by the World Scout Bureau.

### World Scout Frequencies

Band	SSB (phone)	CW (morse)
80 m	3,690 and 3,940 MHz	3,570 MHz
40 m	7,090 and 7,190 MHz	7,030 MHz
20 m	14,290 MHz	14,060 MHz
17 m	18,140 MHz	18,080 MHz
15 m	21,360 MHz	21,140 MHz
12 m	24,960 MHz	24,910 MHz
10 m	28,390 MHz	28,180 MHz
6 m	50,160 MHz	50.160 MHz

### World Scout Bureau Station: HB9S

The World Scout Bureau operates its own Amateur Radio station, with the call sign HB9S. There is a permanent radio room in the Bureau's Geneva offices, and the station is regularly on the air during Scout nets and JOTA weekends. Transmitters are on the 10/15/20 meter, 160/80/40 meter and (in the Geneva area) the 440/2 meter bands. Making contact with HB9S requires patience, as many stations call at the same time. Please follow instructions given by the operators and do not interfere with on-going contacts. They speak in as many languages as possible.

### Answer to "Ready for a real map-memory test?"

A

landlocked country surrounded only by other landlocked countries may be called a "doubly landlocked" country. A person in such a country has to cross at least two borders to reach a coastline. There are currently two such countries in the world...no peeking at the atlas! (Thanks, Dave NN1N)

Doubly landlocked country. A landlocked country surrounded only by other landlocked countries may be called a "doubly landlocked" country. A person in such a country has to cross at least two borders to reach a coastline. There are currently two such countries in the world:



Liechtenstein in Central Europe surrounded by Switzerland and Austria.



Uzbekistan in Central Asia surrounded by Afghanistan, Kazakhstan, Kyrgyzstan, Tajikistan, and Turkmenistan.

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Uzbekistan has borders with Turkmenistan and Kazakhstan that border the landlocked but saltwater Caspian Sea, from which ships can reach the Sea of Azov by using the man-made Volga-Don Canal, and thence the Black Sea, the Mediterranean Sea, and the oceans.

There were no doubly landlocked countries in the world from the Unification of Germany in 1871 until the end of World War I. This is because Uzbekistan was part of the Russian Empire, and thus part of a country that was not landlocked; while Liechtenstein bordered Austria-Hungary, a country which had an Adriatic coast until it was dissolved in 1918. Upon the dissolution of Austria-Hungary Liechtenstein became a doubly landlocked country. There were again no doubly landlocked countries from 1938 until the end of World War II, as Nazi Germany had incorporated Austria, which meant that Liechtenstein bordered a country with a coast. After World War II Austria regained its independence and Liechtenstein became doubly landlocked once more. Upon the dissolution of the Soviet Union, Uzbekistan became the second doubly landlocked country.

Landlocked by a single country. There are only three countries that are landlocked by a single country - that is, they are enclaves. The three countries are:



Lesotho, an enclave in South Africa.



San Marino, an enclave in Italy, though it historically claimed land to the Adriatic Sea.



Vatican City, an enclave in the city of Rome, Italy.

Landlocked by two countries. There are seven landlocked countries that are surrounded by only two mutually-bordering neighbors:



Andorra (between France and Spain)



Bhutan (between India and China)



Liechtenstein (one of the "doubly landlocked" countries, between Switzerland and Austria)



Moldova (between Ukraine and Romania)



Mongolia (between Russia and China)



Nepal (between India and China)



Swaziland (between South Africa and Mozambique)

To this group could be added two de-facto states with no or limited international recognition:



South Ossetia (between Russia and Georgia)



Transnistria (between Ukraine and Moldova)



## African DX

5X, Uganda. Eric, SM1TDE, is currently active as 5X8A from Entebbe. He showed up on the air on 11 October. Activity has been on 40, 30, 20, 17, 15 metres CW. However, Eric will be QRT for 2 days (Monday and Tuesday), but he hopes to be active again between Wednesday and Friday, mainly in the mornings and evenings. He will go QRT after this. QSL via his home call sign. Look for Eric to post more updates and pictures on his Blog page at <http://sm1tde.blogspot.se>

7P, Lesotho. Gert, ZS6AYU, will once again be active as 7P8GF from Roma between 23 and 26 October (tentative). Activity will be holiday style on 40 - 10 metres, CW only and using just 100 watts into a vertical. QSL via ZS6AYU (see QRZ.com).

9L, Sierra Leone (Update). Operators David, N4WDT and Jerry, K4ZIN will be active as 9L1JT from here between October 15-20th. Activity will be on 160 - 10 metres with a focus on the 30, 17, 12 metres and lower

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bands. They will have two stations on the air at least 12 or more hours a day. QSL via LoTW or via their home call signs.

9L, Sierra Leone. Zbig, SP5BTB, will once again be active as 9L1BTB from Freetown for the UN between 25 October and 10 November. Activity this time will only be 20 and 15 metres using a sloper for 20 m and a DL special collinear Delta Loop (ON6WG/F5VIF model) for 15 metres. He did not mention what modes he will use, but he does operate CW, SSB and RTTY. QSL via his home call sign direct.

African Tour (Update). Wim, ON6DX (ex-ON4CIT), will once again return to Togo (Grid Square JJ06rf) on November 18th and will be active as 5V7TH. Activity will be on 40-6 metres, including the 30, 17, 12 metre bands, using CW, SSB and RTTY. He plans to be on in the evening on 40 and 30 metres. See Web site at <http://dxpedition.be/5V7TH.html>

Wim also mentions that he will travel during the day to Benin to collect his TY1 call sign papers which are supposed to be ready. During that same day, he will try to search for a nice QTH in Grand Popo (Benin) for his TY1 DXpedition and move from Togo to Grand Popo, Benin, when everything is sorted out. So, he now expects to be active between 20 November and 3 December. Activity will also be on 40 - 6 metres, including the 30, 17, 12 metre bands, using CW, SSB and RTTY. He plans to be on in the evening on 40 and 30 metres. See Web site at <http://dxpedition.be/Benin.html>. QSL both call signs via his home call sign, direct (2 USDs/EU and 3 USDs/US), by the Bureau, LoTW (uploaded year later) or by the ClubLog's OQRS.

C8, Mozambique (Just a Reminder!). An international team of operators will be active as C82DX from Xai Xai (WW Loc KG64) between 15 and 22 October. Operators' list has been updated and includes Bill, K1MM, Doug, N1DG, Tom, N4XP, Kevin, K6TD, Charlie, NF4A, Ray, N9JA, Charles, W6OAT, Bruce, W6OSP, Tjerk, ZS6P (C91TJL), Pierre, ZS6PJH and Christian, ZS6RI. Activity will be on 160 - 10 metres using CW, SSB and RTTY. Suggested frequencies are available in OPDX.1114. QSL via the OQRS by ClubLog (Highly Recommended/Preferred Method) to receive a QSL either direct and by the Bureau. To QSL direct via the mail, send it to: C82DX, Box 333, Bethlehem, GA 30620 USA [Please do not send IRCs. See details on their Web page]. They will not confirm QSOs via the eQSL system. The C82DX Web page is at <http://c82dx.com>

ED9, Ceuta and Melilla. Operators Jorge, EA7HZ, Julio, EA7JB, David, EA7JW, Cris, EA7RU and Jorge, EA9LZ will be active as ED9Z from Ceuta during the CQ WW DX SSB Contest (26 and 27 October) as a Multi-? entry. The group will be using all Spiderbeam antennas. QSL via EA5KB and LoTW.

ST, Sudan (JOTA Op). Members of the "Boy Scouts of Sudan" (ST2BSS) will participate and operate from the Khartoum Sea Scout Amateur Radio Club (ST2KKS) for the 56<sup>th</sup> Jamboree On The Air (JOTA) activities. Operations are expected to be on all bands and modes. QSL via ST2M. For more details, see QRZ.com.

XT2/XT26, Burkina Faso. Operators David, OK6DJ and Petr, OK1FCJ will be active as XT26DJ and XT2FCJ between 17 and 26 November. Activity will be on 160 - 10 metres including the 30, 17, 12 metres using CW and SSB. They also will be in the CQ WW DX CW Contest (23 and 24 November) as XT2FCJ. Their set up will be Elecraft K3 and Kenwood TS-480 into a Spiderbeam antenna (20, 15, 10 m - including the WARC), a vertical (40 - 10 m), 80 m dipole and LW for 160 m. QSL via OK6DJ for both callsign. QSL methods are: the ClubLog OQRS (for LoTW - confirmed every day), direct (minimum 2 USDs or new IRC (accepted IRC that expire in 2017; QSO confirmed to LoTW every day), OQRS by the Bureau, LoTW and eQSL (confirmed 6 months) and paper QSL via the Bureau (confirmed 12 months).

Z21, Zimbabwe. Mirek, SP5IXI/VK6DXI, will be active as Z21DXI from Bulawayo starting October 14th for 2-4 weeks. He states that this is a business trip. His activities will limited after his working hours. Operations will be on 160 - 6 metres using only 100 watts and simple wire antennas. Mirek has operated from Zimbabwe before: 4 to 12 February and 6 to 17 December 2010. QSL via SP5UAF, by the Bureau or direct. Online log will be available at <http://www.sp5ixi.dxing.pl/z21dxi>





## African Islands

IH9, Pantelleria Island, AF-018. An international team consisting of Gabor, HA1YA, Don, JH5GHM, Boyko, LZ1QN, Dale, N3BNA, Frederic, ON4LG, Aurelio, PC5A, Rob, PE1ITR, Vlad, RC0F, Silvo, S50X, Romeo, S52RU, Renato, S57UN, Slavco, S57DX, Drago, S59A, and Konstantin, VE3LA, plan to activate Lampedusa AF-019 IIA AG-001, MIA MI-126, WLOTA 2312, WW Loc. JM65gm) as IG9Y from 17 to 30 October. They will be active on 160 to 6 m with 4 stations in CW, RTTY, and SSB (including the contest). The team also appeals for charity donations (via paypal [ig9y.charity@gmail.com](mailto:ig9y.charity@gmail.com), or direct to ON4LG) to support the refugees who come to Lampedusa by boat from Africa. <http://ig9y.ii9p.com/>

Simone, IV3NVN, will be active as IH9/IV3NVN from Pantelleria Island (IIA TP-001, WLOTA 0041) before and after the following contests. During the contests, look for him to sign IH9B. The contests that are scheduled are - CQ WW DX SSB Contest (26 and 27 October) as a SOSB on 80 m; CQ WW DX CW Contest (23 and 24 November) as a SOSB on 80 m and 2014 CQ WW WPX CW Contest (24 and 25 May) as a SOSB 40 m. QSL via his home call sign by the Bureau.

D4, Cape Verde. Babs, DL7AFS and Lot, DJ7ZG, are announcing an activation of Santiago (AF-005) as D44TXT from 19 October until 7 November. They will be active on 80 to 10 m using RTTY, PSK63, and SSB with two complete setups, triple leg verticals and dipoles. They initially had planned this activity for spring 2013 but had to wait 10 months for their license. QSL via DL7AFS, LoTW. <http://www.qsl.net/dl7afs/>

John, G4IRN, has been assigned D44TWQ (valid until the year's end) and wants to work holiday-style on the WARC bands in CW. QSL via h/c. <http://g4irn.com/>

## Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 7 to 14 October 2013

### MCG Autumn Sprint

14:00 - 18:00 UTC 18 October

Mode: CW, SSB

Bands: 160, 80, 40, 20 m

Classes: Single Op All Band - CW, SSB or mixed - low or high; Single Op Single Band; Multi-Op

Exchange: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: (see rules)

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 5 November 2013

E-mail logs to: [ua3r@yandex.ru](mailto:ua3r@yandex.ru)

Mail logs to: Autumn Sprint, PO Box 30, Michurinsk 393760, Russia

Find rules at: [http://www.rw3rq.tamb.ru/sprint\\_eng.htm](http://www.rw3rq.tamb.ru/sprint_eng.htm)

### JARTS WW RTTY Contest

00:00 UTC 19 October to 24:00 UTC 20 October

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band - low or high; Multi-Multi; SWL

Max power: HP: >100 W; LP: 100 W

Exchange: RST + age of operator

QSO Points: 2 points per QSO with same continent; 3 points per QSO with different continent

Multipliers: Each DXCC entity except JA/W/VE/VK once per band; Each JA/W/VE/VK call area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 October 2013

E-mail logs to: [jarts2013@jarts.jp](mailto:jarts2013@jarts.jp)

Mail logs to: (none)

Find rules at: <http://jarts.jp/rules2013.html>

### 10-10 International Fall CW Contest

00:01 UTC 19 October to 23:59 UTC 20 October

Mode: CW

Bands: 10 m Only

Classes: Individual; Club; QRP

Max power: non-QRP: >5 watts; QRP: 5 watts

Exchange: 10-10 Member: Name, 10-10 number and state, province or country; Non-Member: Name, 0 and state, province or country

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QSO Points: 1 point per QSO with a non-member; 2 points per

QSO with a 10-10 member

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 4 November 2013

E-mail logs to: [tentencontest@ten-ten.org](mailto:tentencontest@ten-ten.org)

Mail logs to: Dan Morris, KZ3T, 3162 Covington Way, Lenoir, NC 28645, USA

Find rules at: <http://www.ten-ten.org/Forms/QSO%20Party%20Rules.pdf>

### Iowa QSO Party

14:00 - 23:00 UTC 19 October

Mode: CW/Digital, Phone

Bands: All, except WARC and 60 m

Classes: Single Op Fixed; Multi-Op Fixed; Single Op Mobile; Multi-Op Mobile

Max power: 125 Watts

Exchange: IA: RS(T) and County; non-IA: RS(T) and state, province or "DX"

Work stations: Once per band per mode per county

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO; 100 bonus points for a QSO with WAODX

Multipliers: IA: Each IA county, state, province once; non-IA: Each IA county once; All: Each of the current or past IA section managers once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 16 November 2013

Upload log at: <http://www.wa0dx.org/IAQSO/SummaryEntryForm.php>

Mail logs to: Iowa QSO Party, c/o Glen Kesselring, KOJGH, 11579 Agency-Hedrick Road, Ottumwa, IA 52501, USA

Find rules at: <http://www.wa0dx.org/IAQSO/>

### New York QSO Party

14:00 UTC 19 October to 02:00 UTC 20 October

Mode: CW, SSB, Digital

Bands: All, except WARC

Classes: Single Op - CW, SSB, digital or mixed - QRP, low or high; Multi-Single - CW, SSB, digital or mixed - QRP, low or high; Multi-Multi - CW, SSB, digital or mixed - QRP, low or high; Mobile - CW, SSB, digital or mixed - QRP, low or high; Rover - CW, SSB, digital or mixed - QRP, low or high; Rookie - CW, SSB, digital or mixed - QRP, low or high; Youth (<13/13-17)- CW, SSB, digital or mixed - QRP, low or high; YL - CW, SSB, digital or mixed - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: NY: RS(T) and county; non-NY: RS(T) and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 1 point per Phone QSO; 2 points per CW QSO; 3 points per Digital QSO

Multipliers: NY: Each NY county, US state, VE province/territory once; Non-NY: Each NY county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 3 November 2013

E-mail logs to: [logs@nyqp.org](mailto:logs@nyqp.org)

Web-to-Cabrillo form:

[http://www.b4h.net/cabforms/nyqp\\_cab.php](http://www.b4h.net/cabforms/nyqp_cab.php)

Mail logs to: (none)

Find rules at: [http://nyqp.org/wordpress/wp-content/uploads/2013/09/NYQSO-Party\\_Rules\\_2013.pdf](http://nyqp.org/wordpress/wp-content/uploads/2013/09/NYQSO-Party_Rules_2013.pdf)

### Worked All Germany Contest

15:00 UTC 19 October to 14:59 UTC 20 October

Mode: CW, SSB

Bands: (Please observe contest free band segments per the rules), 80, 40, 20, 15, 10 m

Classes: Single Op CW - low or high; Single Op Mixed - QRP, low or high; Multi-Op; SWL

Max power: HP: >100 W; LP: 100 W; QRP: 5 W

Exchange: DL, DARC-Member: RS(T) and DOK (local area code); DL, non-DARC: RS(T) and "NM" non-DL: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: DL Station: 1 point per DL QSO, 3 points per EU QSO, 5 points per DX QSO; non-DL Station: 3 points per DL QSO

Multipliers: DL Station: Each DXCC entity once per band; non-DL Station: Each DL district once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 4 November 2013

E-mail logs to: [wag@dxhf.darc.de](mailto:wag@dxhf.darc.de)

Mail logs to: (none)

Find rules at: <http://www.darc.de/referate/dx/contest/wag/en/rules/>

### Stew Perry Topband Challenge

15:00 UTC 19 October to 15:00 UTC 20 October

Mode: CW

Bands: 160 m Only

Classes: Single Op; Multi-Op

Max operating hours: 14 hours

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Max power: HP: >100 watts; LP: 5-100 watts; QRP: <5 watts

Exchange: 4-Character grid square

QSO Points: 1 point per QSO plus 1 point per 500 km; multiply QSO points by 2 if low power station; multiply QSO points by 4 if QRP station

Multipliers: Low power: x1.5; QRP: x3

Score Calculation: Total score = total QSO points x power multiplier

Submit logs by: 4 November 2013

E-mail logs to: [tbdc@contesting.com](mailto:tbdc@contesting.com)

Mail logs to: BARC, 15125 SE Bartell Rd, Boring, OR 97009, USA

Find rules at: <http://www.kkn.net/stew/>

### W/VE Islands QSO Party

16:00 UTC 19 October to 23:59 UTC 20 October

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: A. W/VE Island Fixed; B. W/VE Island Expedition; C. W/VE Island Rover; D. Non-Island W/VE; E. DX; F. SWL

Exchange: Islands: RS(T) and USI/CISA Island Designation; Non-Islands: RS(T) and state, province or country

Work stations: Once per island per mode per band

Score Calculation: (see rules)

Submit logs by: 30 November 2013

E-mail logs to: [CM@usislands.org](mailto:CM@usislands.org)

Mail logs to: John Almon, WA4JA, 1411 Oak Leaf Dr., Columbia, TN 38401, USA

Find rules at: [http://www.usislands.org/contest\\_rules.html](http://www.usislands.org/contest_rules.html)

### Feld Hell Sprint

20:00 UTC-22:00 UTC 19 October

Mode: Feld Hell

Bands: 160, 80, 40, 15, 10 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 26 October 2013

Upload log at: <https://sites.google.com/site/feldhellclub/>

Mail logs to: (none)

Find rules at: <https://sites.google.com/site/feldhellclub/Home/contests/sprint-rules>

### Asia-Pacific Fall CW Sprint

00:00 - 02:00 UTC 20 October

Mode: CW

Bands: 20, 15 m

Classes: Single Op

Max power: AP: 150 W; non-AP: legal limit

Exchange: RST and serial no

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each prefix once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 27 October 2013

E-mail logs to: [apsprint@jsfc.org](mailto:apsprint@jsfc.org)

Mail logs to: (none)

Find rules at: <http://jsfc.org/apsprint/aprule.txt>

### Illinois QSO Party

17:00 UTC 20 October to 01:00 UTC 21 October

Mode: CW/digital, Phone

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Fixed; Mobile; Portable; Rover; Non-IL

Exchange: IL: RS(T) and County; non-IL: RS(T) and state, province or country

Work stations: Once per band per mode per county

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

Multipliers: IL Stations: Each IL county, state, VE province once; IL Stations: Each DXCC country (max of 5) once; non-IL Stations: Each IL county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 November 2013

E-mail logs to: [n9jf@arrl.net](mailto:n9jf@arrl.net)

Mail logs to: WIARC, PO Box 3132, Quincy IL 62305-3132, USA

Find rules at: <http://www.w9awe.org/ILQP%202013%20Rules.pdf>

### Run for the Bacon QRP Contest

01:00 - 03:00 UTC 21 October

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

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## Be surprised by the World of Amateur Radio

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QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 27 October 27, 2013

E-mail logs to: (none)

Upload log at: <http://fpgrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpgrp.org/pigrun/>

### ARRL School Club Roundup

13:00 UTC 21 October to 23:59 UTC 25 October

Mode: CW/RTTY/Digital, Phone

Bands: All, except 60, 30, 17, 12 m

Classes: Single Op (I); Club/Multi-Op (C); School Club/Group (S)

Max operating hours: 24 hours total; 6 hours out of any 24-hour period with off times of at least 30 minutes

Exchange:

RS(T), class (I/C/S) and state, province or country

Work stations: Once per mode

QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO

Multipliers: States and VE provinces and DXCC countries and (2x class C QSOs) and (5x class S QSOs) and (5x QSOs with

KA2NRR)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 November 2013

E-mail logs to: [SCR@limarc.org](mailto:SCR@limarc.org)

Mail logs to: School Club Roundup, c/o LIMARC, PO Box 392, Levittown, NY 11756, USA

Find rules at: <http://www.arrrl.org/school-club-roundup>

### NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 21 October

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op Simple Wire Antenna; Single Op Gain Antenna

Max power: 5 watts

Exchange: RST, country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 20:00 UTC October 24, 2013

Upload log at: <http://naqcc-eu.org/eu-sprints/submit-your-log>

Mail logs to: (none)

Find rules at: <http://naqcc-eu.org/sprints/rules/current.pdf>

## History This Week for the week starting 14 October

1872 - World's largest gold nugget, 215 kg, found in New South Wales

1878 - Edison Electric Light Company incorporated

1884 - Greenwich was adopted as the universal origin meridian.

1884 - George Eastman patents paper-strip photographic film

1921 - Charles Strite patents pop-up toaster.

1922 - British Broadcasting Corporation (BBC) established

1953 - A patent Burglar alarm-ultrasonic or radio waves is awarded to Samuel Bagno

1956 - England's first large scale nuclear power station opens

*Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslite, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC News*